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STATE DOCUMENTS

TENTH ANNUAL REPORT

1965

INFANT

and

NEONATAL MORTALITY

and

STILLBIRTH RATES

by

MONTANA HOSPITALS

PREPARED BY:

MONTANA STATE DEPARTMENT OF HEALTH

DIVISION OF CHILD HEALTH SERVICES

DIVISION OF RECORDS AND STATISTICS

MONTANA MEDICAL ASSOCIATION

MATERNAL AND CHILD WELFARE COMMITTEE

HELENA, MONTANA

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## FOREWORD

TO: Hospital Administrators,  
Medical Staffs, and Nurses

This is the 1965 report of infant and fetal mortality rates of Montana hospitals. The figures in this report were taken from birth and death certificates reported to the State Board of Health, Division of Vital Statistics.

In 1965 there were 13,412 births in Montana by place of occurrence. There were 239 neonatal deaths, with a rate of 17.8 per 1,000 live births. There were 175 stillbirths, with a rate of 13.0 per 1,000 live births. Perinatal deaths numbered 414, with a rate of 30.9 per 1,000 live births.

This report allows hospitals to see where they stand with other Montana hospitals, and it may indicate a need for evaluation of services to insure improvement in the future.

Division of Child Health Services  
of the Montana State Board of Health

and

Maternal and Child Welfare Committee  
of the Montana Medical Association

225  
DCHS - MSBH  
4/26/67

Chart #1  
GENERAL HOSPITALS  
(100 beds or more)

Montana - 1965

Infant and Fetal Mortalities

Total Live Births 1965	Total Live Births 1964	Prematures		Number of Deaths					Rate Per 1,000 Live Births				
		No.	%	Infant	1-12 months	Neo- natal	Fetal Deaths	Peri natal	Infant	1-12 months	Neo- natal	Fetal Deaths	Peri- natal
5,690	6,447	514	9.0	121	19	102	74	176	21.3	3.3	17.9	13.0	30.9
936	942	91	9.7	19	4	15	12	27	20.3	4.3	16.0	12.8	28.8
907	935	84	9.3	22	4	18	8	26	24.3	4.4	19.8	8.8	28.7
817	857	57	7.0	17	2	15	7	22	20.8	2.4	18.4	8.6	26.9
704	782	52	7.4	14	2	12	11	23	19.9	2.8	17.0	15.6	32.7
693	1,018	67	9.7	13	2	11	13	24	18.8	2.9	15.9	18.8	34.6
669	778	65	9.7	17	2	15	9	24	25.4	3.0	22.4	13.5	35.9
474	564	41	8.6	9	1	8	3	11	19.0	2.1	16.9	6.3	23.2
330	378	31	9.4	5	1	4	6	10	15.2	3.0	12.1	18.2	30.3
160	193	26	16.2	5	1	4	5	9	31.2	6.2	25.0	31.2	56.2

Chart #2  
INTERMEDIATE GENERAL HOSPITALS  
(40 - 99 beds)

Montana - 1965

Infant and Fetal Mortalities

Total Live Births 1965	Total Live Births 1964	Prematures		Number of Deaths					Rate Per 1,000 Live Births				
		No.	%	Infant	1-12 months	Neo- natal	Fetal Deaths	Peri- natal	Infant	1-12 months	Neo- natal	Fetal Deaths	Peri- natal
3,627	4,041	307	8.5	80	12	68	49	117	22.1	3.3	18.7	13.5	32.3
519	515	51	9.8	9	0	9	4	13	17.3	0.0	17.3	7.7	25.0
444	450	37	8.3	11	0	11	3	14	24.8	0.0	24.8	6.8	31.5
281	309	19	6.8	6	2	4	4	8	21.4	7.1	14.2	14.2	28.5
262	314	19	7.3	5	0	5	8	13	19.1	0.0	19.1	30.5	49.6
256	270	24	9.4	0	0	0	4	4	0.0	0.0	0.0	15.6	15.6
232	258	20	8.6	5	0	5	2	7	21.6	0.0	21.6	8.6	30.2
214	269	21	9.8	5	1	4	2	6	23.4	4.7	18.7	9.3	28.0
212	268	20	9.4	7	2	5	4	9	33.0	9.4	23.6	18.9	42.5

Chart #2  
INTERMEDIATE GENERAL HOSPITALS  
(40 - 99 beds)

Montana - 1965 (continued)

Infant and Fetal Mortalities

Total Live Births 1965	Total Live Births 1964	Prematures		Number of Deaths					Rate Per 1,000 Live Births				
		No.	%	Infant	1-12 months	Neo- natal	Fetal Deaths	Peri- natal	Infant	1-12 months	Neo- natal	Fetal Deaths	Peri- natal
208	227	25	12.0	8	4	4	5	9	38.5	19.2	19.2	24.0	43.3
205	216	10	4.9	5	1	4	1	5	24.4	4.9	19.5	4.9	24.4
202	297	16	7.9	3	0	3	1	4	14.9	0.0	14.9	5.0	19.8
169	220	20	11.8	2	0	2	3	5	11.8	0.0	11.8	17.8	29.6
160	168	12	7.5	3	0	3	7	10	18.8	0.0	18.8	43.8	62.5
138	150	5	3.6	3	1	2	0	2	21.7	7.2	14.5	0.0	14.5
125	110	8	6.4	8	1	7	1	8	64.0	8.0	56.0	8.0	64.0

Chart #3  
SMALL GENERAL HOSPITALS  
(10 - 39 beds)

Montana - 1965

Infant and Fetal Mortalities

Total Live Births 1965	Total Live Births 1964	Prematures		Number of Deaths					Rate Per 1,000 Live Births				
		No.	%	Infant	1-12 months	Neo- natal	Fetal Deaths	Peri- natal	Infant	1-12 months	Neo- natal	Fetal Deaths	Peri- natal
3,976	4,178	304	7.6	77	8	69	50	119	19.4	2.0	17.4	12.6	29.9
465	459	39	8.4	5	0	5	4	9	10.8	0.0	10.8	8.6	19.4
439	354	40	9.1	8	1	7	2	9	18.2	2.3	15.9	4.6	20.5
345	374	29	8.4	8	0	8	3	11	23.2	0.0	23.2	8.7	31.9
270	235	28	10.4	9	0	9	3	12	33.3	0.0	33.3	11.1	44.4
227	224	13	5.7	4	0	4	4	8	17.6	0.0	17.6	17.6	35.2
182	181	10	5.5	5	2	3	2	5	27.5	11.0	16.5	11.0	27.5
167	196	16	9.6	5	0	5	1	6	29.9	0.0	29.9	6.0	35.9
157	148	8	5.1	1	0	1	0	1	6.4	0.0	6.4	0.0	6.4

Chart #3  
SMALL GENERAL HOSPITALS  
(10 - 39 beds)

Montana - 1965 (continued)

Infant and Fetal Mortalities

Total Live Births 1965	Total Live Births 1964	Prematures		Number of Deaths					Rate Per 1,000 Live Births				
		No.	%	Infant	1-12 months	Neo- natal	Fetal Deaths	Peri- natal	Infant	1-12 months	Neo- natal	Fetal Deaths	Peri- natal
143	146	11	7.7	5	2	3	3	6	35.0	14.0	21.0	21.0	42.0
112	132	5	4.5	2	0	2	2	4	17.9	0.0	17.9	17.9	35.7
98	138	3	3.1	0	0	0	1	1	0.0	0.0	0.0	10.2	10.2
92	118	4	4.3	2	1	1	3	4	21.7	10.9	10.9	32.6	43.5
83	148	1	1.1	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
79	76	7	8.9	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
78	67	6	7.7	3	0	3	1	4	38.5	0.0	38.5	12.8	51.3
76	59	8	10.5	0	0	0	1	1	0.0	0.0	0.0	13.2	13.2
71	84	7	9.9	1	0	1	3	4	14.1	0.0	14.1	42.3	56.3
71	80	10	14.1	2	0	2	2	4	28.2	0.0	28.2	28.2	56.3



Chart #3  
SMALL GENERAL HOSPITALS  
(10 - 39 beds)

Montana - 1965 (continued)

Infant and Fetal Mortalities

Total Live Births 1965	Total Live Births 1964	Prematures		Number of Deaths					Rate Per 1,000 Live Births				
		No.	%	Infant	1-12 months	Neo- natal	Fetal Deaths	Peri- natal	Infant	1-12 months	Neo- natal	Fetal Deaths	Peri- natal
70	88	3	4.3	1	0	1	1	2	14.3	0.0	14.3	14.3	28.6
66	72	2	3.0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
65	81	10	15.4	4	1	3	4	7	61.5	15.4	46.2	61.5	107.7
61	60	2	3.3	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
58	42	6	10.3	4	0	4	1	5	69.0	0.0	69.0	17.2	86.2
57	68	5	8.8	2	0	2	2	4	35.1	0.0	35.1	35.1	70.2
55	56	4	7.3	1	0	1	0	1	18.2	0.0	18.2	0.0	18.2
49	72	2	4.1	0	0	0	1	1	0.0	0.0	0.0	20.4	20.4
43	38	4	9.3	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
42	69	1	2.4	0	0	0	2	2	0.0	0.0	0.0	47.6	47.6

Chart #3.  
SMALL GENERAL HOSPITALS  
(10 - 39 beds)

Montana - 1965 (continued)

Infant and Fetal Mortalities

Total Live Births 1965	Total Live Births 1964	Prematures		Number of Deaths					Rate Per 1,000 Live Births				
		No.	%	Infant	1-12 months	Neo- natal	Fetal Deaths	Peri- natal	Infant	1-12 months	Neo- natal	Fetal Deaths	Peri- natal
41	37	3	7.3	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
35	32	2	5.7	0	0	0	1	1	0.0	0.0	0.0	28.0	28.0
34	50	4	11.8	3	1	2	0	2	88.2	29.4	58.3	0.0	58.2
30	35	2	6.7	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
28	38	2	7.1	1	0	1	1	2	35.7	0.0	35.7	35.7	41.4
28	46	2	7.1	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
24	38	1	4.2	0	0	0	1	1	0.0	0.0	0.0	41.7	41.7
22	22	2	9.1	0	0	0	1	1	0.0	0.0	0.0	45.5	45.5
8	15	2	25.0	1	0	1	0	1	125.0	0.0	125.0	0.0	125.0

Chart #4  
COMMUNITY FACILITY  
(Under 10 beds)

Montana - 1965

Infant and Fetal Mortalities

Total Live Births 1965	Total Live Births 1964	Prematures		Number of Deaths					Rate Per 1,000 Live Births				
		No.	%	Infant	1-12 months	Neo- natal	Fetal Deaths	Peri- natal	Infant	1-12 months	Neo- natal	Fetal Deaths	Peri- natal
119	98	12	10.1	0	0	0	2	2	0.0	0.0	0.0	16.8	16.8
35	31	4	11.4	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
33	41	5	15.2	0	0	0	1	1	0.0	0.0	0.0	30.3	30.3
30	19	3	10.0	0	0	0	1	1	0.0	0.0	0.0	33.3	33.3
15	7	0	0.0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
6	0	0	0.0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0





